



FIG.1

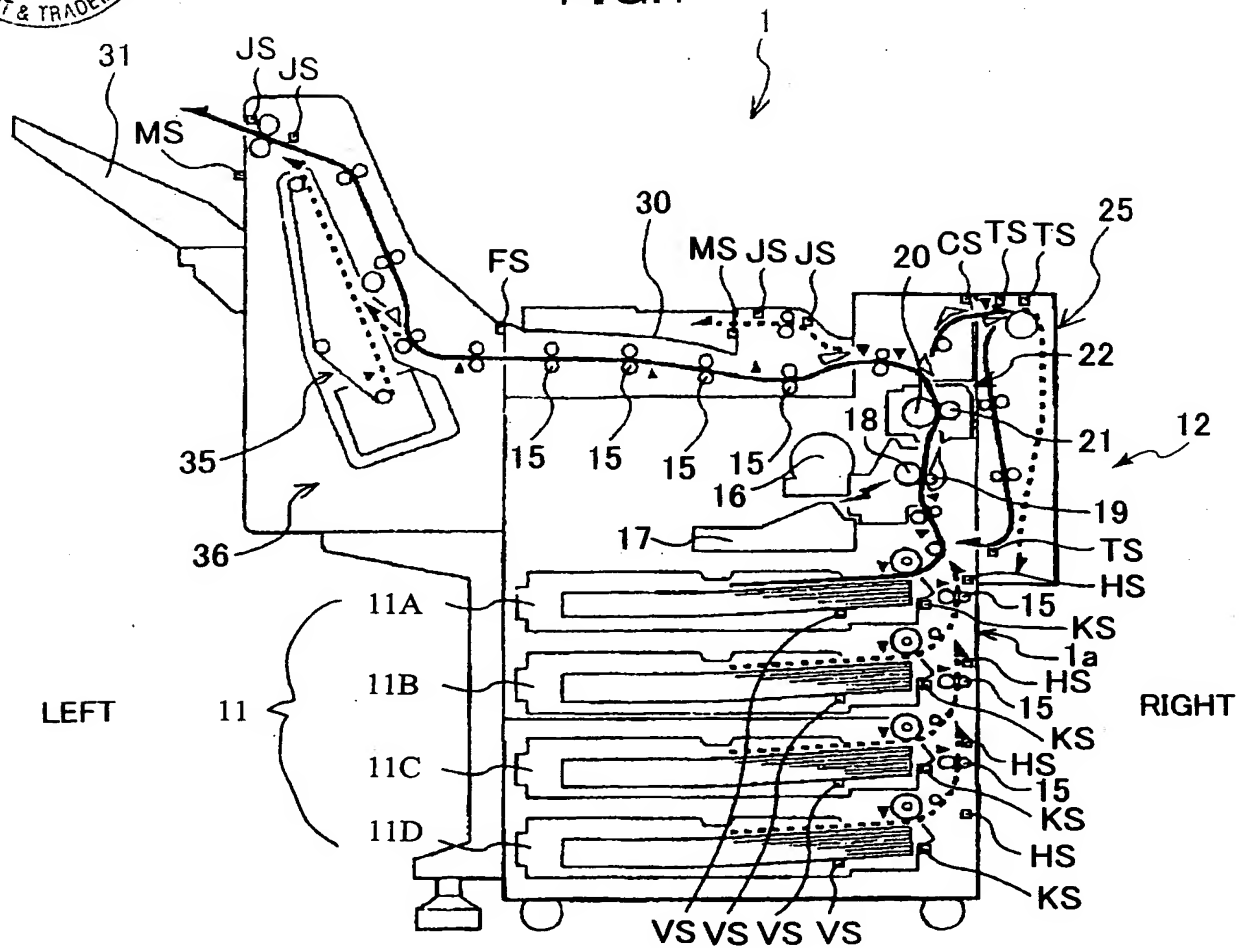


FIG.2

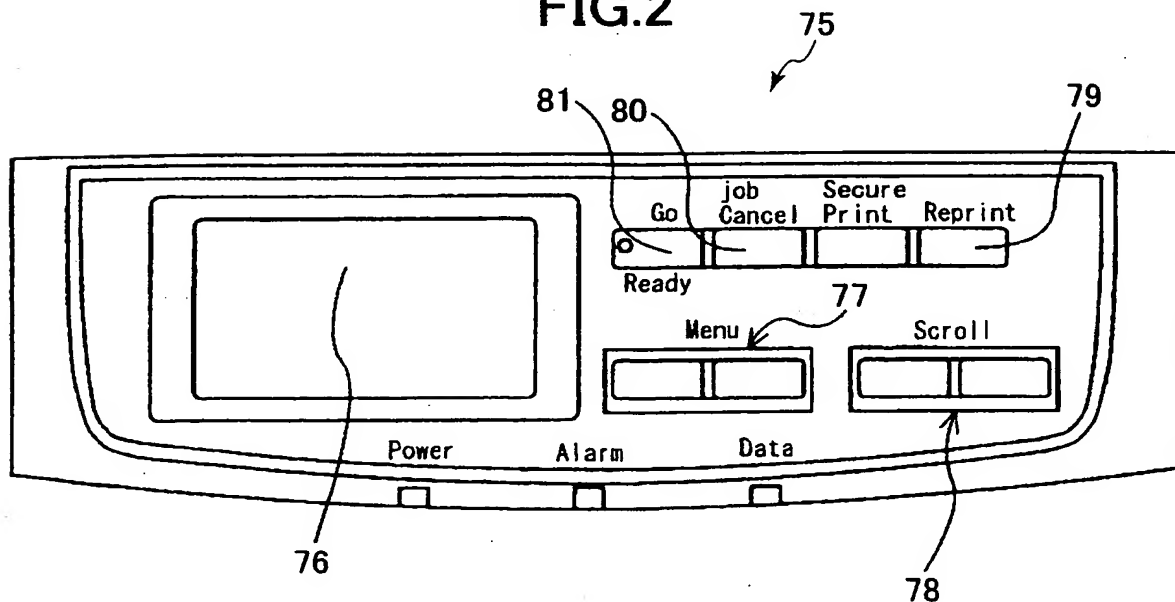
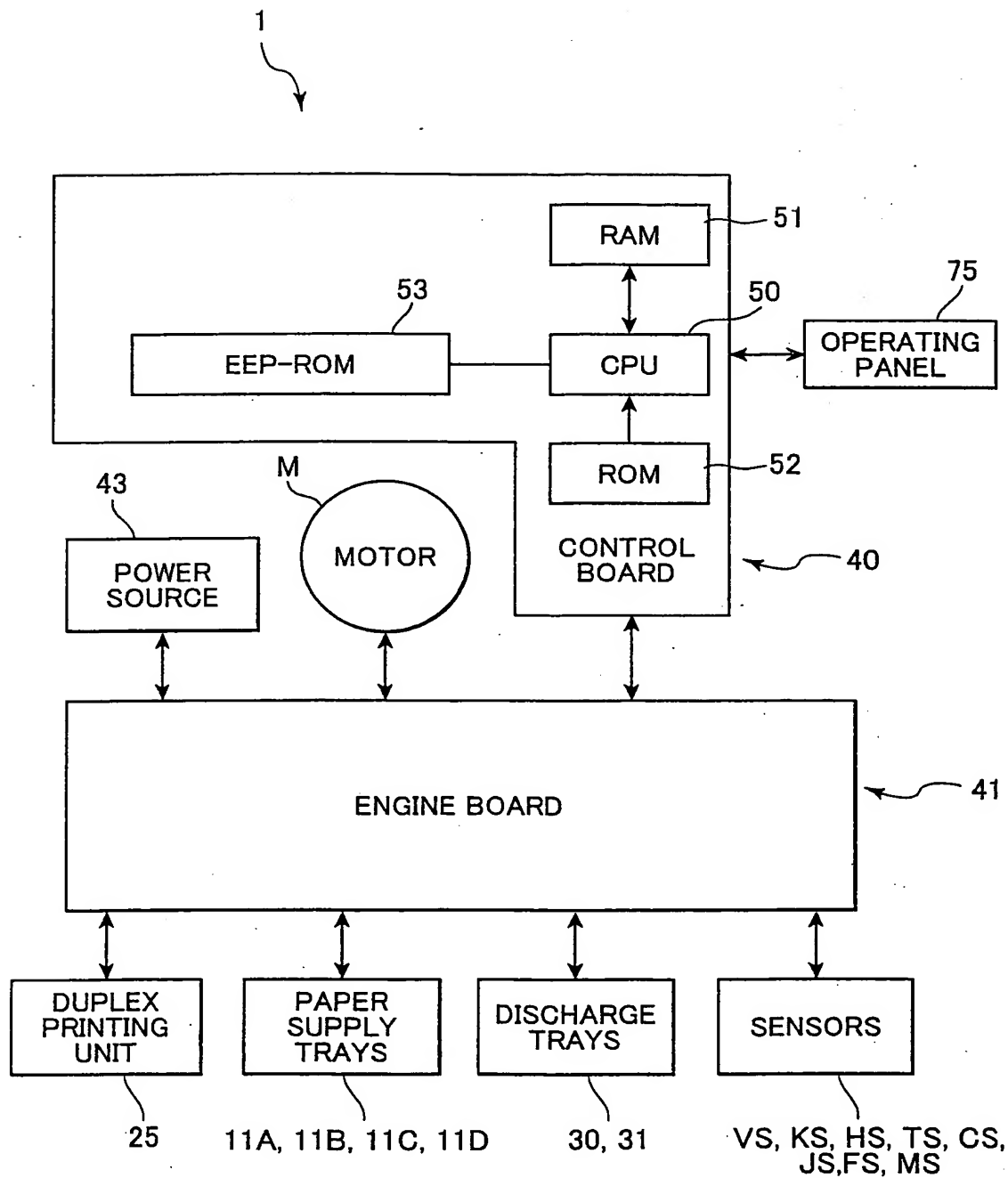


FIG.3



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FIG.4

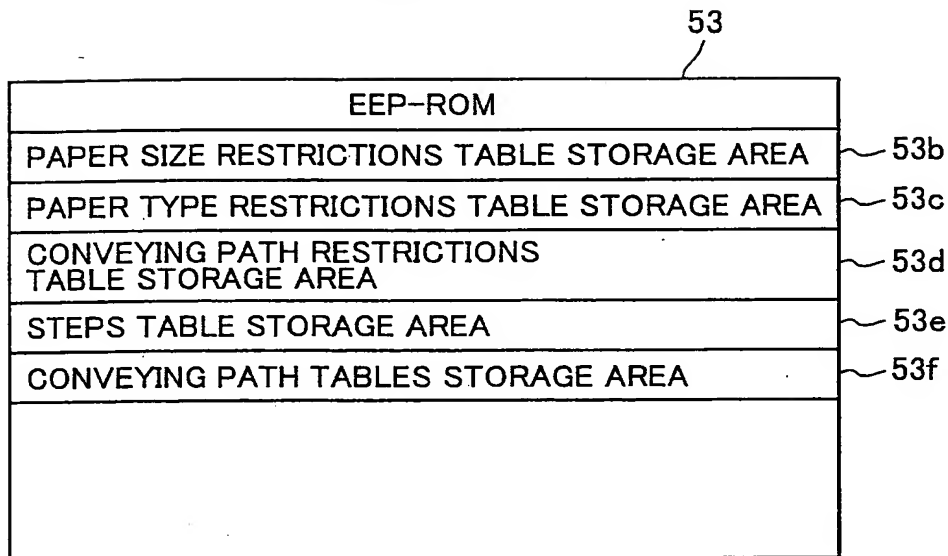


FIG.5

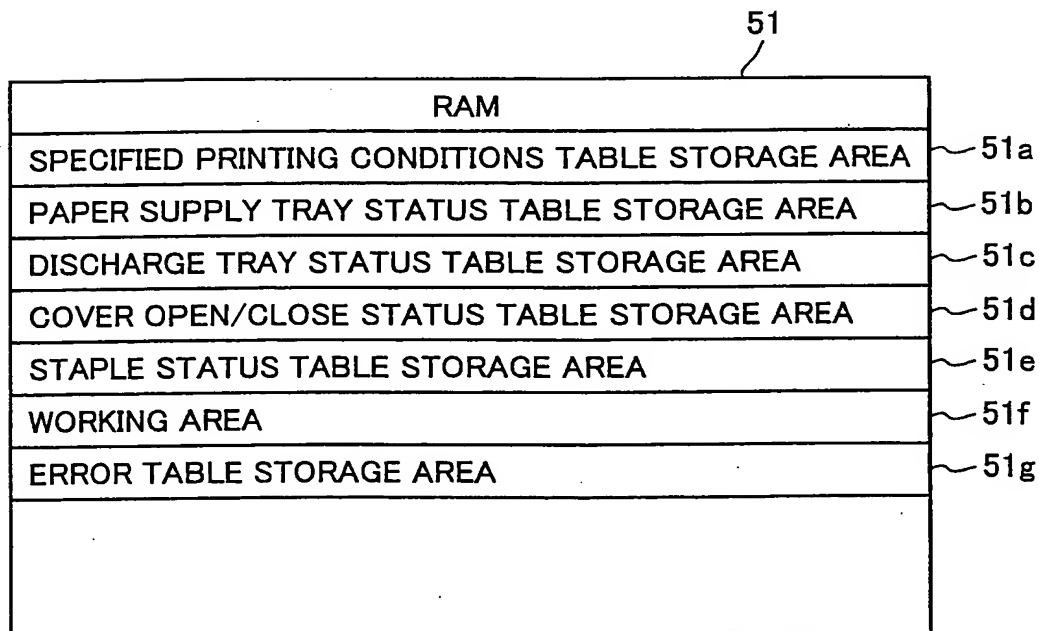


FIG.6

100

| SHEET SIZE | FIRST PAPER SUPPLY TRAY 11A | SECOND PAPER SUPPLY TRAY 11B | THIRD PAPER SUPPLY TRAY 11C | FOURTH PAPER SUPPLY TRAY 11D | DUPLEX PRINTING UNIT 25 | FIRST DISCHARGE TRAY 30 | SECOND DISCHARGE TRAY 31 | STAPLE |
|------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------|-------------------------|--------------------------|--------|
| A3         | O                           | O                            | O                           | O                            | O                       | O                       | x                        | x      |
| B4         | O                           | O                            | O                           | O                            | O                       | O                       | x                        | O      |
| LEGAL      | O                           | O                            | O                           | O                            | O                       | O                       | x                        | O      |
| A4         | O                           | O                            | O                           | O                            | O                       | O                       | O                        | O      |
| LETTER     | O                           | O                            | O                           | O                            | O                       | O                       | O                        | O      |
| B5         | O                           | O                            | O                           | O                            | O                       | O                       | x                        | O      |

O ... POSSIBLE  
x ... NOT POSSIBLE

FIG.7

110

| SHEET TYPE        | FIRST PAPER SUPPLY TRAY 11A | SECOND PAPER SUPPLY TRAY 11B | THIRD PAPER SUPPLY TRAY 11C | FOURTH PAPER SUPPLY TRAY 11D | DUPLEX PRINTING UNIT 25 | FIRST DISCHARGE TRAY 30 | SECOND DISCHARGE TRAY 31 | STAPLE |
|-------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------|-------------------------|--------------------------|--------|
| NORMAL SHEET      | O                           | O                            | O                           | O                            | O                       | O                       | O                        | O      |
| THICK SHEET       | O                           | O                            | x                           | x                            | O                       | O                       | x                        | x      |
| TRANSPARENT SHEET | O                           | x                            | x                           | x                            | x                       | O                       | x                        | x      |

O ... POSSIBLE  
x ... NOT POSSIBLE

FIG.8

120

| FROM                            | TO | DUPLEX PRINTING<br>UNIT | FIRST DISCHARGE<br>TRAY 30 | SECOND DISCHARGE<br>TRAY 31 | STAPLER<br>35 |
|---------------------------------|----|-------------------------|----------------------------|-----------------------------|---------------|
| FIRST PAPER<br>SUPPLY TRAY 11A  |    | O                       | O                          | O                           | O             |
| SECOND PAPER<br>SUPPLY TRAY 11B |    | O                       | O                          | O                           | O             |
| THIRD PAPER<br>SUPPLY TRAY 11C  |    | O                       | O                          | O                           | O             |
| FOURTH PAPER<br>SUPPLY TRAY 11D |    | x                       | O                          | x                           | x             |
| DUPLEX PRINTING<br>UNIT         |    | x                       | O                          | O                           | O             |
| STAPLER 35                      |    | x                       | x                          | O                           | x             |

O ... POSSIBLE  
x ... NOT POSSIBLE

130

FIG.9

| ERROR NUMBER | ERROR CAUSE  | RESOLUTION METHOD   | NUMBER OF STEPS |
|--------------|--|---|-----------------|
| 1            | FIRST DISCHARGE TRAY 30 IS FULL                        | REMOVE RECORDING SHEET FROM FIRST DISCHARGE TRAY 30                           | 1               |
| 2            | SECOND DISCHARGE TRAY 31 IS FULL                       | REMOVE RECORDING SHEET FROM SECOND DISCHARGE TRAY 31                          | 1               |
| 3            | FIRST PAPER SUPPLYING TRAY 11A IS OUT OF PAPER         | LOAD RECORDING SHEET IN FIRST PAPER SUPPLYING TRAY 11A                        | 3               |
| 4            | SECOND PAPER SUPPLY TRAY 11B IS OUT OF PAPER           | LOAD RECORDING SHEET IN SECOND PAPER SUPPLY TRAY 11B                          | 3               |
| 5            | THIRD PAPER SUPPLY TRAY 11C IS OUT OF PAPER            | LOAD RECORDING SHEET IN THIRD PAPER SUPPLY TRAY 11C                           | 3               |
| 6            | FOURTH PAPER SUPPLY TRAY 11D IS OUT OF PAPER           | LOAD RECORDING SHEET IN FOURTH PAPER SUPPLY TRAY 11D                          | 3               |
| 7            | INCORRECT PAPER TYPE IN FIRST PAPER SUPPLYING TRAY 11A | REPLACE RECORDING SHEET IN FIRST PAPER SUPPLYING TRAY 11A WITH DIFFERENT TYPE | 4               |
| 8            | INCORRECT PAPER TYPE IN SECOND PAPER SUPPLY TRAY 11B   | REPLACE RECORDING SHEET IN SECOND PAPER SUPPLY TRAY 11B WITH DIFFERENT TYPE   | 4               |
| 9            | INCORRECT PAPER TYPE IN THIRD PAPER SUPPLY TRAY 11C    | REPLACE RECORDING SHEET IN THIRD PAPER SUPPLY TRAY 11C WITH DIFFERENT TYPE    | 4               |
| 10           | INCORRECT PAPER TYPE IN FOURTH PAPER SUPPLY TRAY 11D   | REPLACE RECORDING SHEET IN FOURTH PAPER SUPPLY TRAY 11D WITH DIFFERENT TYPE   | 4               |
| 11           | INCORRECT PAPER SIZE IN FIRST PAPER SUPPLYING TRAY 11A | REPLACE RECORDING SHEET IN FIRST PAPER SUPPLYING TRAY 11A WITH DIFFERENT SIZE | 5               |
| 12           | INCORRECT PAPER SIZE IN SECOND PAPER SUPPLY TRAY 11B   | REPLACE RECORDING SHEET IN SECOND PAPER SUPPLY TRAY 11B WITH DIFFERENT SIZE   | 5               |
| 13           | INCORRECT PAPER SIZE IN THIRD PAPER SUPPLY TRAY 11C    | REPLACE RECORDING SHEET IN THIRD PAPER SUPPLY TRAY 11C WITH DIFFERENT SIZE    | 5               |
| 14           | INCORRECT PAPER SIZE IN FOURTH PAPER SUPPLY TRAY 11D   | REPLACE RECORDING SHEET IN FOURTH PAPER SUPPLY TRAY 11D WITH DIFFERENT SIZE   | 5               |
| 15           | COVER OPEN ON DUPLEX PRINTING UNIT 25                  | CLOSE COVER ON DUPLEX PRINTING UNIT 25  | 1               |
| 16           | OUT OF STAPLES   | LOAD STAPLES  | 6               |

FIG.10(a)

140

EX. 1

| USER-SPECIFIED PRINTING CONDITIONS |                    |                    |                                |                       |                              |
|------------------------------------|--------------------|--------------------|--------------------------------|-----------------------|------------------------------|
| PAPER SUPPLY TRAY SPECIFICATION    | SIZE SPECIFICATION | TYPE SPECIFICATION | PRINTING SURFACE SPECIFICATION | BINDING SPECIFICATION | DISCHARGE TRAY SPECIFICATION |
| NONE                               | B5                 | NORMAL PAPER       | ONE SIDE                       | NO                    | NONE                         |

FIG.10(b)

140

EX. 2

| USER-SPECIFIED PRINTING CONDITIONS |                    |                    |                                |                       |                              |
|------------------------------------|--------------------|--------------------|--------------------------------|-----------------------|------------------------------|
| PAPER SUPPLY TRAY SPECIFICATION    | SIZE SPECIFICATION | TYPE SPECIFICATION | PRINTING SURFACE SPECIFICATION | BINDING SPECIFICATION | DISCHARGE TRAY SPECIFICATION |
| NONE                               | B5                 | NORMAL PAPER       | BOTH SIDES                     | YES                   | NONE                         |

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FIG.11

150

|                                | STATUS OF PAPER SUPPLY TRAY |              |               |
|--------------------------------|-----------------------------|--------------|---------------|
|                                | PAPER SIZE                  | PAPER TYPE   | PAPER LOADED? |
| FIRST PAPER SUPPLYING TRAY 11A | B5                          | TRANSPARENCY | YES           |
| SECOND PAPER SUPPLY TRAY 11B   | A4                          | NORMAL PAPER | YES           |
| THIRD PAPER SUPPLY TRAY 11C    | B5                          | NORMAL PAPER | NO            |
| FOURTH PAPER SUPPLY TRAY 11D   | B5                          | NORMAL PAPER | YES           |

FIG.12

160

|                          | STATUS OF DISCHARGE TRAY |
|--------------------------|--------------------------|
| FIRST DISCHARGE TRAY 30  | FULL                     |
| SECOND DISCHARGE TRAY 31 | NOT FULL                 |

FIG.13

170

|                      | COVER STATUS |
|----------------------|--------------|
| DUPLEX PRINTING UNIT | CLOSED       |

FIG.14

180

|         | STAPLES? |
|---------|----------|
| STAPLER | YES      |



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FIG.15

190

| CONVEYING PATH |                      |                         |          |                   |
|----------------|----------------------|-------------------------|----------|-------------------|
| NO.            | PAPER<br>SUPPLY TRAY | DUPLEX<br>PRINTING UNIT | STAPLER  | DISCHARGE<br>TRAY |
| 1              | 1                    | USED                    | NOT USED | 1                 |
| 2              | 1                    | USED                    | NOT USED | 2                 |
| 3              | 2                    | USED                    | NOT USED | 1                 |
| 4              | 2                    | USED                    | NOT USED | 2                 |
| 5              | 1                    | NOT USED                | NOT USED | 1                 |
| 6              | 1                    | NOT USED                | NOT USED | 2                 |
| 7              | 2                    | NOT USED                | NOT USED | 1                 |
| 8              | 2                    | NOT USED                | NOT USED | 2                 |
| 9              | 3                    | NOT USED                | NOT USED | 1                 |
| 10             | 3                    | NOT USED                | NOT USED | 2                 |
| 11             | 4                    | NOT USED                | NOT USED | 1                 |
| 12             | 1                    | USED                    | USED     | 2                 |
| 13             | 2                    | USED                    | USED     | 2                 |
| 14             | 1                    | NOT USED                | USED     | 2                 |
| 15             | 2                    | NOT USED                | USED     | 2                 |
| 16             | 3                    | NOT USED                | USED     | 2                 |

WHEN FINISHING DEVICE IS PROVIDED

FIG.16

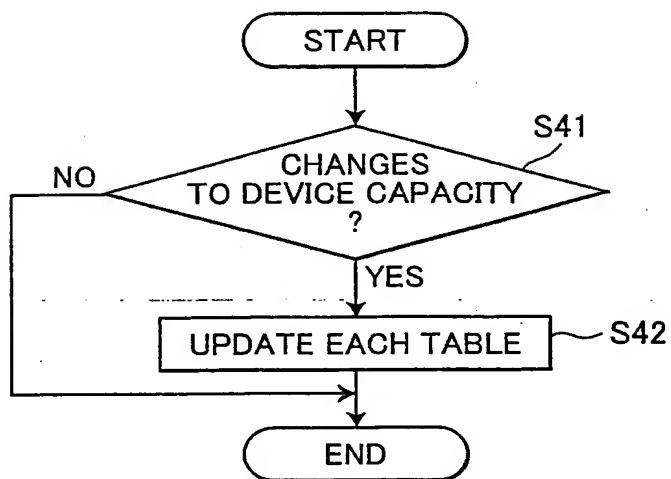
200

| CONVEYING PATH |                      |                         |          |                   |
|----------------|----------------------|-------------------------|----------|-------------------|
| NO.            | PAPER<br>SUPPLY TRAY | DUPLEX<br>PRINTING UNIT | STAPLER  | DISCHARGE<br>TRAY |
| 1              | 1                    | USED                    | NOT USED | 1                 |
| 3              | 2                    | USED                    | NOT USED | 1                 |
| 5              | 1                    | NOT USED                | NOT USED | 1                 |
| 7              | 2                    | NOT USED                | NOT USED | 1                 |
| 9              | 3                    | NOT USED                | NOT USED | 1                 |
| 11             | 4                    | NOT USED                | NOT USED | 1                 |

WHEN FINISHING DEVICE IS NOT PROVIDED

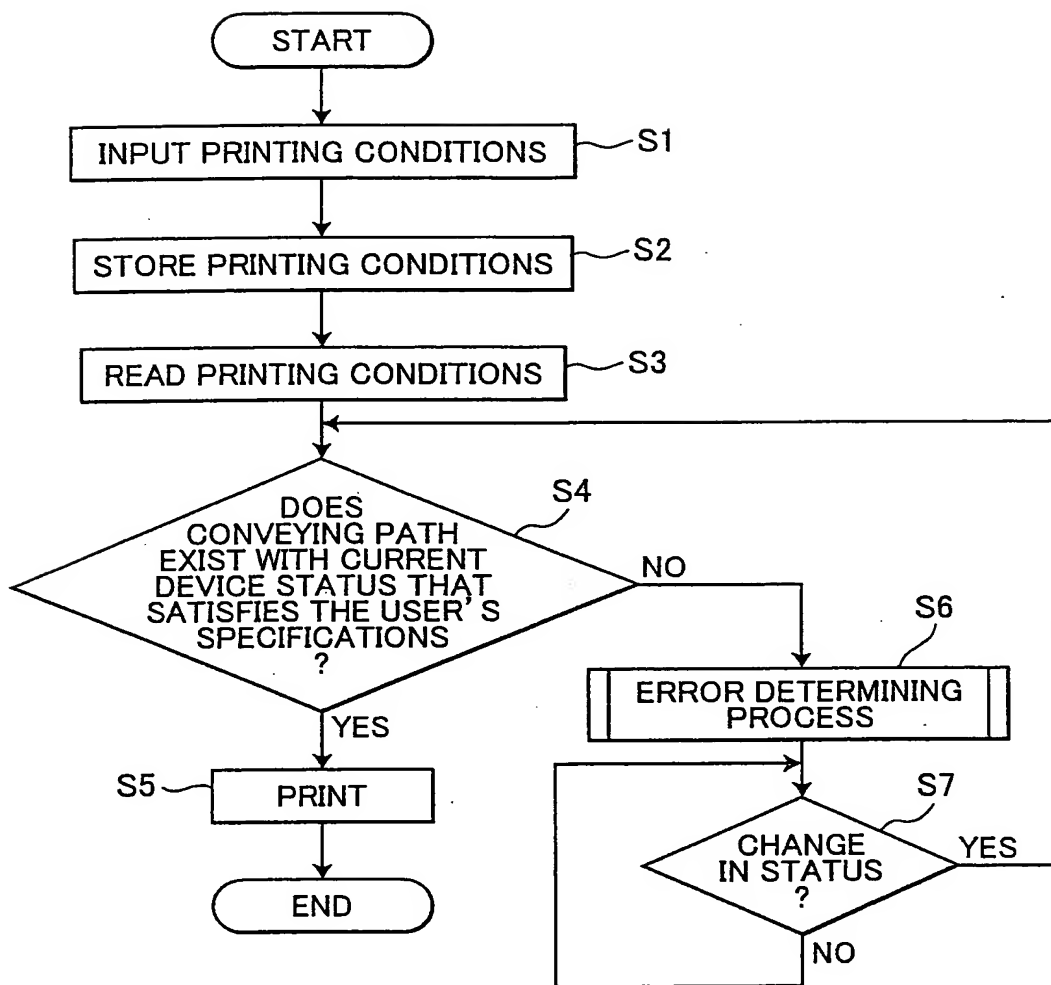
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FIG.17



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FIG.18



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FIG.19

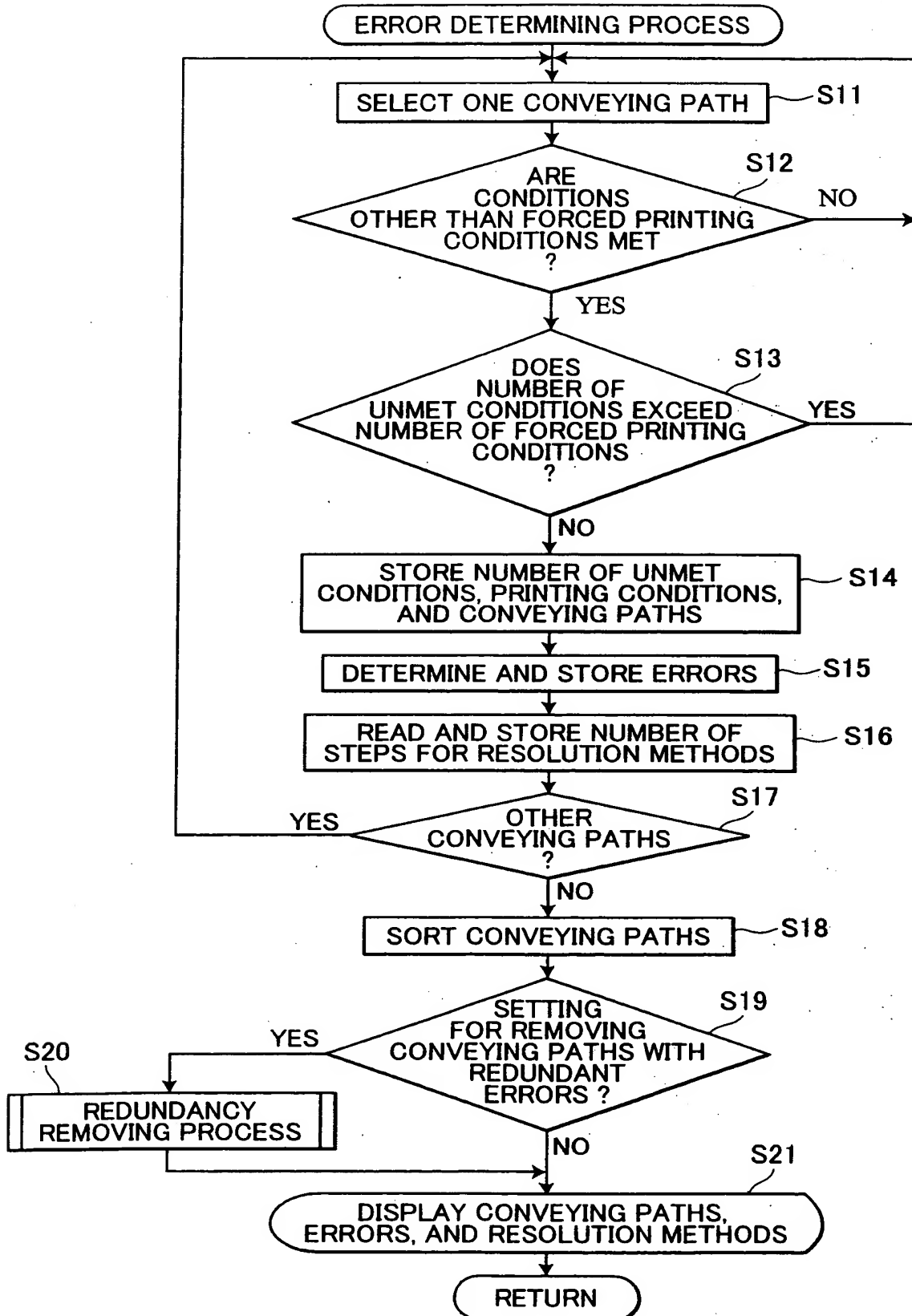


FIG.20

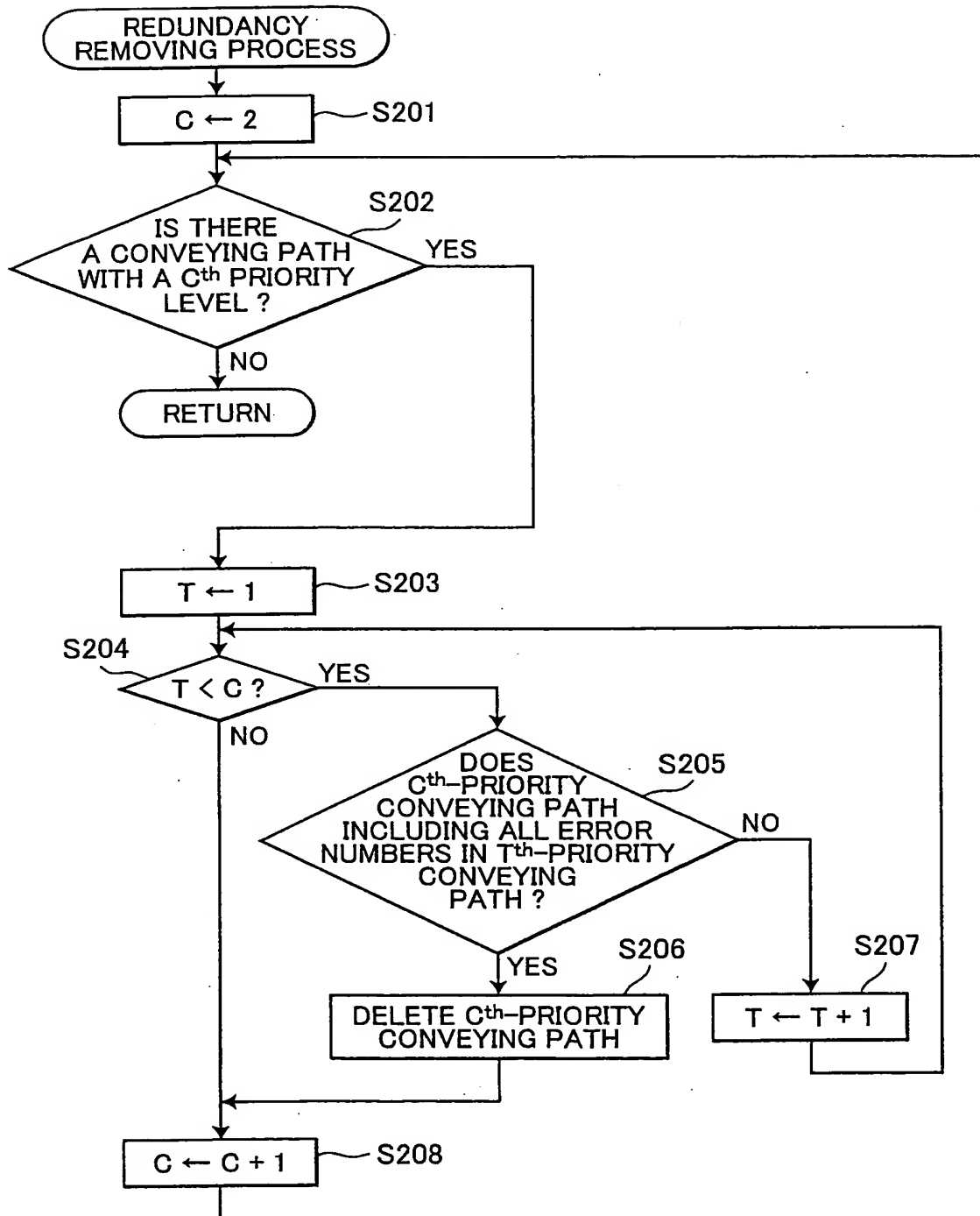


FIG.21

210

| DEVICE CAPACITY ERRORS |                           |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|---------------------------|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 5                      | NONE                      | 0                                   | INCORRECT TYPE       | —                 | —            | FULL            | 1, 7         | 5                     |
| 6                      | NONE                      | 0                                   | INCORRECT TYPE       | —                 | —            | O               | 7            | 4                     |
| 7                      | NONE                      | 0                                   | INCORRECT SIZE       | —                 | —            | FULL            | 1, 12        | 6                     |
| 8                      | NONE                      | 0                                   | INCORRECT SIZE       | —                 | —            | O               | 12           | 5                     |
| 9                      | NONE                      | 0                                   | OUT OF PAPER         | —                 | —            | FULL            | 1, 5         | 4                     |
| 10                     | NONE                      | 0                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 11                     | NONE                      | 0                                   | O                    | —                 | —            | FULL            | 1            | 1                     |

FIG.22

210b

| DEVICE CAPACITY ERRORS |                           |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|---------------------------|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 11                     | NONE                      | 0                                   | O                    | —                 | —            | FULL            | 1            | 1                     |
| 10                     | NONE                      | 0                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 6                      | NONE                      | 0                                   | INCORRECT TYPE       | —                 | —            | O               | 7            | 4                     |
| 9                      | NONE                      | 0                                   | OUT OF PAPER         | —                 | —            | FULL            | 1, 5         | 4                     |
| 5                      | NONE                      | 0                                   | INCORRECT TYPE       | —                 | —            | FULL            | 1, 7         | 5                     |
| 8                      | NONE                      | 0                                   | INCORRECT SIZE       | —                 | —            | O               | 12           | 5                     |
| 7                      | NONE                      | 0                                   | INCORRECT SIZE       | —                 | —            | FULL            | 1, 12        | 6                     |

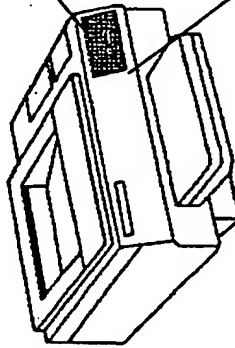
FIG.23

210c

| DEVICE CAPACITY ERRORS |                           |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|---------------------------|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 11                     | NONE                      | 0                                   | O                    | —                 | —            | FULL            | 1            | 1                     |
| 10                     | NONE                      | 0                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 6                      | NONE                      | 0                                   | INCORRECT TYPE       | —                 | —            | O               | 7            | 4                     |
| 8                      | NONE                      | 0                                   | INCORRECT SIZE       | —                 | —            | O               | 12           | 5                     |



FIG.24



ERROR

RESOLUTION METHOD 1: PLEASE REMOVE THE SHEET FROM THE FIRST DISCHARGE TRAY

CAUSE: DISCHARGE TRAY IS FULL

PATH: FOURTH SHEET SUPPLY TRAY → FIRST DISCHARGE TRAY  
NUMBER OF STEPS: 1

RESOLUTION METHOD 2: PLEASE LOAD SHEET IN THE THIRD SHEET SUPPLY TRAY

CAUSE: SHEET SUPPLY TRAY IS OUT OF SHEET

PATH: THIRD SHEET SUPPLY TRAY → SECOND DISCHARGE TRAY  
NUMBER OF STEPS: 3

RESOLUTION METHOD 3: PLEASE REPLACE THE SHEET IN THE FIRST SHEET SUPPLY TRAY WITH NORMAL SHEET

CAUSE: INCORRECT SHEET TYPE IN THE SHEET SUPPLY TRAY

PATH: FIRST SHEET SUPPLY TRAY → SECOND DISCHARGE TRAY  
NUMBER OF STEPS: 4

RESOLUTION METHOD 4: PLEASE REPLACE THE SHEET IN THE SECOND SHEET SUPPLY TRAY WITH B5-SIZE SHEET

CAUSE: INCORRECT SHEET SIZE IN THE SHEET SUPPLY TRAY

PATH: SECOND SHEET SUPPLY TRAY → SECOND DISCHARGE TRAY  
NUMBER OF STEPS: 5

FIG.25

210(210d)

| DEVICE CAPACITY ERRORS |                                |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|--------------------------------|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS      | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 12                     | NONE                           | 0                                   | INCORRECT TYPE       | O                 | O            | O               | 7            | 4                     |
| 13                     | NONE                           | 0                                   | INCORRECT SIZE       | O                 | O            | O               | 12           | 5                     |
| 14                     | PRINTING SURFACE SPECIFICATION | 1                                   | INCORRECT TYPE       | —                 | O            | O               | 7            | 4                     |
| 15                     | PRINTING SURFACE SPECIFICATION | 1                                   | INCORRECT SIZE       | —                 | O            | O               | 12           | 5                     |
| 16                     | PRINTING SURFACE SPECIFICATION | 1                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |

FIG.26

210e

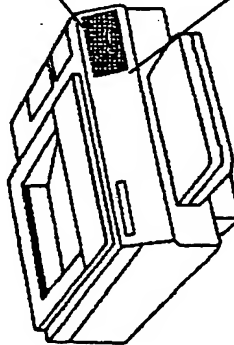
| DEVICE CAPACITY ERRORS |                                |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|--------------------------------|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS      | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 12                     | NONE                           | 0                                   | INCORRECT TYPE       | O                 | O            | O               | 7            | 4                     |
| 13                     | NONE                           | 0                                   | INCORRECT SIZE       | O                 | O            | O               | 12           | 5                     |
| 16                     | PRINTING SURFACE SPECIFICATION | 1                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 14                     | PRINTING SURFACE SPECIFICATION | 1                                   | INCORRECT TYPE       | —                 | O            | O               | 7            | 4                     |
| 15                     | PRINTING SURFACE SPECIFICATION | 1                                   | INCORRECT SIZE       | —                 | O            | O               | 12           | 5                     |

FIG.27

210f

| DEVICE CAPACITY ERRORS |                                |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |  |
|------------------------|--------------------------------|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|--|
| NO.                    | UNMET PRINTING CONDITIONS      | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |  |
| 12                     | NONE                           | 0                                   | INCORRECT TYPE       | O                 | O            | O               | 7            | 4                     |  |
| 13                     | NONE                           | 0                                   | INCORRECT SIZE       | O                 | O            | O               | 12           | 5                     |  |
| 16                     | PRINTING SURFACE SPECIFICATION | 1                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |  |

FIG.28



ERROR

RESOLUTION METHOD 1: PLEASE REPLACE THE SHEET IN THE FIRST SHEET SUPPLY TRAY WITH NORMAL SHEET

CAUSE: INCORRECT SHEET TYPE IN THE SHEET SUPPLY TRAY

PATH: FIRST SHEET SUPPLY TRAY → DUPLEX UNIT → STAPLER  
→ SECOND DISCHARGE TRAY

NUMBER OF STEPS: 4

RESOLUTION METHOD 2: PLEASE REPLACE SHEET IN THE SECOND SHEET TRAY WITH B5-SIZE SHEET

CAUSE: INCORRECT SHEET SIZE IN THE SHEET SUPPLY TRAY

PATH: SECOND SHEET SUPPLY TRAY → DUPLEX UNIT → STAPLER  
→ SECOND DISCHARGE TRAY

NUMBER OF STEPS: 5

RESOLUTION METHOD 3: PLEASE LOAD THIRD SHEET SUPPLY TRAY WITH SHEET

CAUSE: SHEET SUPPLY TRAY OUT OF SHEET

RESTRICTION: DUPLEX PRINTING UNAVAILABLE

PATH: THIRD SHEET SUPPLY TRAY → STAPLER → SECOND DISCHARGE TRAY

NUMBER OF STEPS: 3

FIG.29

210g

| DEVICE CAPACITY ERRORS |   |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|---|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS                             | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 1                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT TYPE       | O                 | —            | FULL            | 1, 7         | 5                     |
| 2                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT TYPE       | O                 | —            | O               | 7            | 4                     |
| 3                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT SIZE       | O                 | —            | FULL            | 1, 12        | 6                     |
| 4                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT SIZE       | O                 | —            | O               | 12           | 5                     |
| 5                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT TYPE       | —                 | —            | FULL            | 1, 7         | 5                     |
| 6                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT TYPE       | —                 | —            | O               | 7            | 4                     |
| 7                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT SIZE       | —                 | —            | FULL            | 1, 12        | 6                     |
| 8                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT SIZE       | —                 | —            | O               | 12           | 5                     |
| 9                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | OUT OF PAPER         | —                 | —            | FULL            | 1, 5         | 4                     |
| 10                     | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 11                     | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | O                    | —                 | —            | FULL            | 1            | 1                     |
| 12                     | NONE  | 0                                   | INCORRECT TYPE       | O                 | O            | O               | 7            | 4                     |
| 13                     | NONE  | 0                                   | INCORRECT SIZE       | O                 | O            | O               | 12           | 5                     |
| 14                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | INCORRECT TYPE       | —                 | O            | O               | 7            | 4                     |
| 15                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | INCORRECT SIZE       | —                 | O            | O               | 12           | 5                     |
| 16                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |

FIG.30

210h

| DEVICE CAPACITY ERRORS |   |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|---|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS                             | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 12                     | NONE  | 0                                   | INCORRECT TYPE       | O                 | O            | O               | 7            | 4                     |
| 13                     | NONE  | 0                                   | INCORRECT SIZE       | O                 | O            | O               | 12           | 5                     |
| 16                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 2                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT TYPE       | O                 | —            | O               | 7            | 4                     |
| 14                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | INCORRECT TYPE       | —                 | O            | O               | 7            | 4                     |
| 1                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT TYPE       | O                 | —            | FULL            | 1, 7         | 5                     |
| 4                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT SIZE       | O                 | —            | O               | 12           | 5                     |
| 15                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | INCORRECT SIZE       | —                 | O            | O               | 12           | 5                     |
| 3                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT SIZE       | O                 | —            | FULL            | 1, 12        | 6                     |
| 11                     | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | O                    | —                 | —            | FULL            | 1            | 1                     |
| 10                     | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 6                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT TYPE       | —                 | —            | O               | 7            | 4                     |
| 9                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | OUT OF PAPER         | —                 | —            | FULL            | 1, 5         | 4                     |
| 5                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT TYPE       | —                 | —            | FULL            | 1, 7         | 5                     |
| 8                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT SIZE       | —                 | —            | O               | 12           | 5                     |
| 7                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT SIZE       | —                 | —            | FULL            | 1, 12        | 6                     |

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FIG.31

210i

| DEVICE CAPACITY ERRORS |   |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |  |
|------------------------|---|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|--|
| NO.                    | UNMET PRINTING CONDITIONS                             | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |  |
| 12                     | NONE  | 0                                   | INCORRECT TYPE       | O                 | O            | O               | 7            | 4                     |  |
| 13                     | NONE  | 0                                   | INCORRECT SIZE       | O                 | O            | O               | 12           | 5                     |  |
| 16                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |  |
| 11                     | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | O                    | —                 | —            | FULL            | 1            | 1                     |  |



FIG.32

ERROR

RESOLUTION METHOD 1: PLEASE REPLACE THE SHEET IN THE FIRST SHEET SUPPLY TRAY WITH NORMAL SHEET  
CAUSE: INCORRECT SHEET TYPE IN THE SHEET SUPPLY TRAY  
PATH: FIRST SHEET SUPPLY TRAY → DUPLEX UNIT → STAPLER → SECOND DISCHARGE TRAY  
NUMBER OF STEPS: 4

RESOLUTION METHOD 2: PLEASE REPLACE THE SHEET IN THE SECOND SHEET SUPPLY TRAY WITH B5-SIZE SHEET  
CAUSE: INCORRECT SHEET SIZE IN THE SHEET SUPPLY TRAY  
PATH: SECOND SHEET SUPPLY TRAY → DUPLEX UNIT → STAPLER → SECOND DISCHARGE TRAY  
NUMBER OF STEPS: 5

RESOLUTION METHOD 3: PLEASE LOAD SHEET INTO THE THIRD SHEET SUPPLY TRAY  
CAUSE: SHEET SUPPLY TRAY IS OUT OF SHEET  
RESTRICTION: DUPLEX PRINT UNAVAILABLE  
PATH: THIRD SHEET SUPPLY TRAY → STAPLER → SECOND DISCHARGE TRAY  
NUMBER OF STEPS: 3

RESOLUTION METHOD 4: PLEASE REMOVE THE SHEET IN THE FIRST DISCHARGE TRAY  
CAUSE: DISCHARGE TRAY IS FULL  
RESTRICTION: DUPLEX PRINTING UNAVAILABLE; BINDING UNAVAILABLE  
PATH: FOURTH SHEET SUPPLY TRAY → FIRST DISCHARGE TRAY  
NUMBER OF STEPS: 1

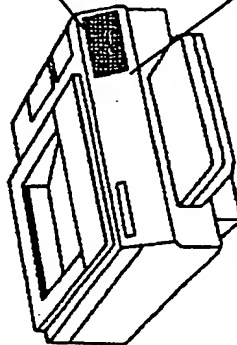


FIG.33

210j

| NO. | DEVICE CAPACITY ERRORS       |   | DEVICE STATUS ERRORS  |                      |                 |                    |                 |   | TOTAL<br>NUMBER<br>OF STEPS |
|-----|------------------------------|---|-----------------------|----------------------|-----------------|--------------------|-----------------|---|-----------------------------|
|     | UNMET PRINTING<br>CONDITIONS | NUMBER OF<br>UNMET PRINTING<br>CONDITIONS | PAPER SUPPLY<br>ERROR | DUPLEX<br>UNIT ERROR | STAPLE<br>ERROR | DISCHARGE<br>ERROR | ERROR<br>NUMBER |   |                             |
| 5   | NONE                         | 0   | INCORRECT<br>TYPE     | —                    | —               | FULL               | 1, 7            | 5 |                             |
| 7   | NONE                         | 0   | INCORRECT<br>SIZE     | —                    | —               | FULL               | 1, 12           | 6 |                             |
| 9   | NONE                         | 0   | OUT OF PAPER          | —                    | —               | FULL               | 1, 5            | 4 |                             |
| 11  | NONE                         | 0   | O                     | —                    | —               | FULL               | 1               | 1 |                             |

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FIG.34

210k

| DEVICE CAPACITY ERRORS |                           | DEVICE STATUS ERRORS                |                    |                   |              |                 |              |                       |
|------------------------|---------------------------|-------------------------------------|--------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 11                     | NONE                      | 0                                   | O                  | —                 | —            | FULL            | 1            | 1                     |
| 9                      | NONE                      | 0                                   | OUT OF PAPER       | —                 | —            | FULL            | 1, 5         | 4                     |
| 5                      | NONE                      | 0                                   | INCORRECT TYPE     | —                 | —            | FULL            | 1, 7         | 5                     |
| 7                      | NONE                      | 0                                   | INCORRECT SIZE     | —                 | —            | FULL            | 1, 12        | 6                     |

FIG.35

210m

| DEVICE CAPACITY ERRORS |                           | DEVICE STATUS ERRORS                |                    |                   |              |                 |              |                       |
|------------------------|---------------------------|-------------------------------------|--------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 11                     | NONE                      | 0                                   | O                  | —                 | —            | FULL            | 1            | 1                     |

FIG.36

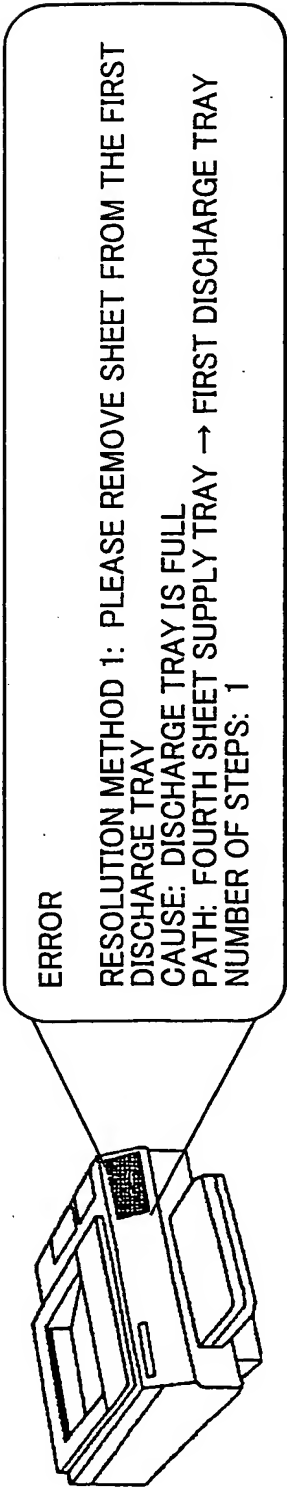


FIG.38

210n

| DEVICE CAPACITY ERRORS |                           |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|---------------------------|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |

FIG.37

ERROR

RESOLUTION METHOD 1: PLEASE REMOVE THE SHEET FROM THE FIRST DISCHARGE TRAY

CAUSE: DISCHARGE TRAY IS FULL

PATH: FOURTH SHEET SUPPLY TRAY → FIRST DISCHARGE TRAY

NUMBER OF STEPS: 1

RESOLUTION METHOD 2: PLEASE REMOVE SHEET FROM THE FIRST DISCHARGE TRAY AND PLEASE LOAD SHEET INTO THE THIRD SHEET SUPPLY TRAY

CAUSE: DISCHARGE TRAY IS FULL AND SHEET SUPPLY TRAY IS OUT OF SHEET

PATH: THIRD SHEET SUPPLY TRAY → FIRST DISCHARGE TRAY

NUMBER OF STEPS: 4

RESOLUTION METHOD 3: PLEASE REMOVE SHEET FROM THE FIRST DISCHARGE TRAY AND REPLACE SHEET IN THE FIRST SHEET SUPPLY TRAY WITH NORMAL SHEET

CAUSE: DISCHARGE TRAY IS FULL AND SHEET SUPPLY TRAY IS LOADED WITH INCORRECT SHEET TYPE

PATH: FIRST SHEET SUPPLY TRAY → FIRST DISCHARGE TRAY

NUMBER OF STEPS: 5

RESOLUTION METHOD 4: PLEASE REMOVE SHEET FROM THE FIRST DISCHARGE TRAY AND REPLACE THE SHEET IN THE SECOND SHEET SUPPLY TRAY WITH B5-SIZE SHEET

CAUSE: DISCHARGE TRAY IS FULL AND SHEET SUPPLY TRAY IS LOADED WITH INCORRECT SHEET SIZE

PATH: SECOND SHEET SUPPLY TRAY → FIRST DISCHARGE TRAY

NUMBER OF STEPS: 6

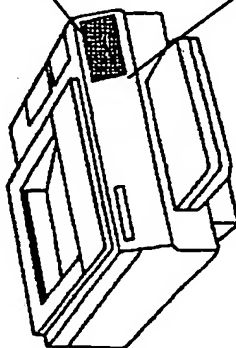


FIG.39

210o

| DEVICE CAPACITY ERRORS |                              |   | DEVICE STATUS ERRORS  |                      |                 |                    |                 |  | TOTAL<br>NUMBER<br>OF STEPS |
|------------------------|------------------------------|---|-----------------------|----------------------|-----------------|--------------------|-----------------|--|-----------------------------|
| NO.                    | UNMET PRINTING<br>CONDITIONS | NUMBER OF<br>UNMET PRINTING<br>CONDITIONS | PAPER SUPPLY<br>ERROR | DUPLEX<br>UNIT ERROR | STAPLE<br>ERROR | DISCHARGE<br>ERROR | ERROR<br>NUMBER |  |                             |

FIG.40

210p

| DEVICE CAPACITY ERRORS |                              |   | DEVICE STATUS ERRORS  |                      |                 |                    |                 |  | TOTAL<br>NUMBER<br>OF STEPS |
|------------------------|------------------------------|---|-----------------------|----------------------|-----------------|--------------------|-----------------|--|-----------------------------|
| NO.                    | UNMET PRINTING<br>CONDITIONS | NUMBER OF<br>UNMET PRINTING<br>CONDITIONS | PAPER SUPPLY<br>ERROR | DUPLEX<br>UNIT ERROR | STAPLE<br>ERROR | DISCHARGE<br>ERROR | ERROR<br>NUMBER |  |                             |

FIG.41

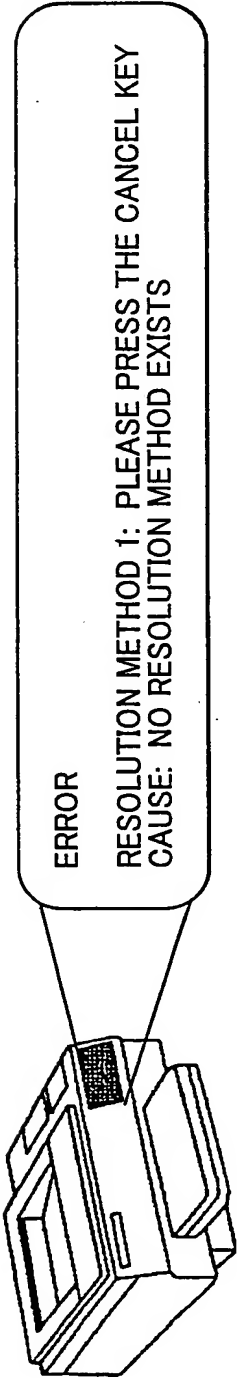


FIG.42 210q

| DEVICE CAPACITY ERRORS |   |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|---|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS                             | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 1                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT TYPE       | O                 | —            | O               | 7            | 4                     |
| 2                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT TYPE       | O                 | —            | O               | 7            | 4                     |
| 3                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT SIZE       | O                 | —            | O               | 12           | 5                     |
| 4                      | BINDING SPECIFICATION                                 | 1                                   | INCORRECT SIZE       | O                 | —            | O               | 12           | 5                     |
| 5                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT TYPE       | —                 | —            | O               | 7            | 4                     |
| 6                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT TYPE       | —                 | —            | O               | 7            | 4                     |
| 7                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT SIZE       | —                 | —            | O               | 12           | 5                     |
| 8                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT SIZE       | —                 | —            | O               | 12           | 5                     |
| 9                      | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | OUT OF PAPER         | —                 | —            | O               | 15           | 3                     |
| 10                     | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 11                     | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | O                    | —                 | —            | O               | —            | 0                     |
| 12                     | NONE  | 0                                   | INCORRECT TYPE       | O                 | O            | O               | 7            | 4                     |
| 13                     | NONE  | 0                                   | INCORRECT SIZE       | O                 | O            | O               | 12           | 5                     |
| 14                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | INCORRECT TYPE       | —                 | O            | O               | 7            | 4                     |
| 15                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | INCORRECT SIZE       | —                 | O            | O               | 12           | 5                     |
| 16                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |

FIG.43

210r

|     | DEVICE CAPACITY ERRORS                                |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|-----|---|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO. | UNMET PRINTING CONDITIONS                             | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 12  | NONE  | 0                                   | INCORRECT TYPE       | O                 | O            | O               | 7            | 4                     |
| 13  | NONE  | 0                                   | INCORRECT SIZE       | O                 | O            | O               | 12           | 5                     |
| 16  | PRINTING SURFACE SPECIFICATION                        | 1                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 1   | BINDING SPECIFICATION                                 | 1                                   | INCORRECT TYPE       | O                 | —            | O               | 7            | 4                     |
| 2   | BINDING SPECIFICATION                                 | 1                                   | INCORRECT TYPE       | O                 | —            | O               | 7            | 4                     |
| 14  | PRINTING SURFACE SPECIFICATION                        | 1                                   | INCORRECT TYPE       | —                 | O            | O               | 7            | 4                     |
| 3   | BINDING SPECIFICATION                                 | 1                                   | INCORRECT SIZE       | O                 | —            | O               | 12           | 5                     |
| 4   | BINDING SPECIFICATION                                 | 1                                   | INCORRECT SIZE       | O                 | —            | O               | 12           | 5                     |
| 15  | PRINTING SURFACE SPECIFICATION                        | 1                                   | INCORRECT SIZE       | —                 | O            | O               | 12           | 5                     |
| 11  | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | O                    | —                 | —            | O               | —            | 0                     |
| 9   | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | OUT OF PAPER         | —                 | —            | O               | 15           | 3                     |
| 10  | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 5   | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT TYPE       | —                 | —            | O               | 7            | 4                     |
| 6   | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT TYPE       | —                 | —            | O               | 7            | 4                     |
| 7   | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT SIZE       | —                 | —            | O               | 12           | 5                     |
| 8   | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | INCORRECT SIZE       | —                 | —            | O               | 12           | 5                     |



FIG.44

210s

| DEVICE CAPACITY ERRORS |   |                                     | DEVICE STATUS ERRORS |                   |              |                 |              |                       |
|------------------------|---|-------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|-----------------------|
| NO.                    | UNMET PRINTING CONDITIONS                             | NUMBER OF UNMET PRINTING CONDITIONS | PAPER SUPPLY ERROR   | DUPLEX UNIT ERROR | STAPLE ERROR | DISCHARGE ERROR | ERROR NUMBER | TOTAL NUMBER OF STEPS |
| 12                     | NONE  | 0                                   | INCORRECT TYPE       | O                 | O            | O               | 7            | 4                     |
| 13                     | NONE  | 0                                   | INCORRECT SIZE       | O                 | O            | O               | 12           | 5                     |
| 16                     | PRINTING SURFACE SPECIFICATION                        | 1                                   | OUT OF PAPER         | —                 | —            | O               | 5            | 3                     |
| 11                     | PRINTING SURFACE SPECIFICATION, BINDING SPECIFICATION | 2                                   | O                    | —                 | —            | O               | —            | 0                     |

FIG.45

ERROR

RESOLUTION METHOD 1: PLEASE REPLACE THE SHEET IN THE FIRST SHEET SUPPLY TRAY WITH NORMAL SHEET

CAUSE: INCORRECT SHEET TYPE IN THE SHEET SUPPLY TRAY

PATH: FIRST SHEET SUPPLY TRAY → DUPLEX UNIT → STAPLER  
→ SECOND DISCHARGE TRAY

NUMBER OF STEPS: 4

RESOLUTION METHOD 2: PLEASE REPLACE THE SHEET IN THE SECOND SHEET SUPPLY TRAY WITH B5-SIZE SHEET

CAUSE: INCORRECT SHEET SIZE IN THE SHEET SUPPLY TRAY

PATH: SECOND SHEET SUPPLY TRAY → DUPLEX UNIT → STAPLER  
→ SECOND DISCHARGE TRAY

NUMBER OF STEPS: 5

RESOLUTION METHOD 3: PLEASE LOAD SHEET INTO THE THIRD SHEET SUPPLY TRAY

CAUSE: SHEET SUPPLY TRAY IS OUT OF SHEET

RESTRICTION: DUPLEX PRINTING IS UNAVAILABLE

PATH: THIRD SHEET SUPPLY TRAY → STAPLER → SECOND DISCHARGE TRAY

NUMBER OF STEPS: 3

RESOLUTION METHOD 4: PLEASE PRESS THE GO KEY

CAUSE: THE DEVICE IS TROUBLE-FREE

RESTRICTION: DUPLEX PRINTING IS UNAVAILABLE AND BINDING IS UNAVAILABLE

PATH: FOURTH SHEET SUPPLY TRAY → FIRST DISCHARGE TRAY

NUMBER OF STEPS: 0

